

HSF

NOTES:

1.Electrical Performance:

1-1.Current Rating:0.5 A at AC 100V.

1-2.Withstand Voltage:250V AC.

1-3.Contact Resistance:See Table.

1-4.Insulation Resistance:1000M Ω Min.

1-5.Operation Temperature:-55℃to+85℃

2.Material:

1.Housing:LCP;Black/Natural;UL94V-0.

2-2.Contact:Phosphor Bronze,T=0.20mm.

2-3.Fitting Nail:Brass,T=0.25mm.

2-4.Metal Cap :Stainless Steel,T=0.20mm.

3.Finish:

3-1.Contact:Gold Plating On Contact Area;

Matte Tin Plating On Solder Tails Over Ni.

3-2.Fitting Nail:Sn Plating Over, Ni Under Plating

Flatness: <80Pins The "M" Is 0.12mm MAX

≥80Pins The "M" Is 0.15mm MAX

Ordering Information

3660-S XXX - XXX XX R 01

No.of Pins Housing High Contact Plating R=Tape&Reel+CAP

G1=3u"Gold

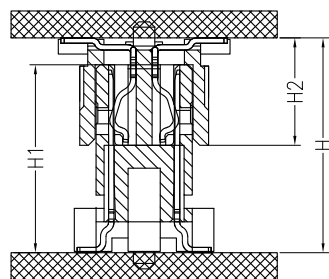
G2=5u"Gold

G3=10u"Gold/Tin

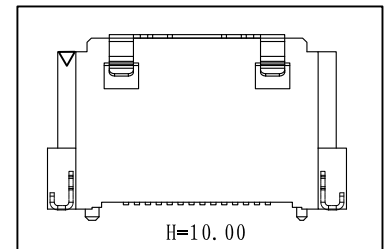
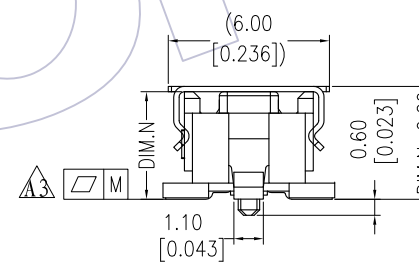
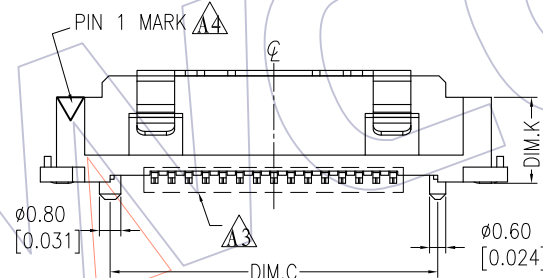
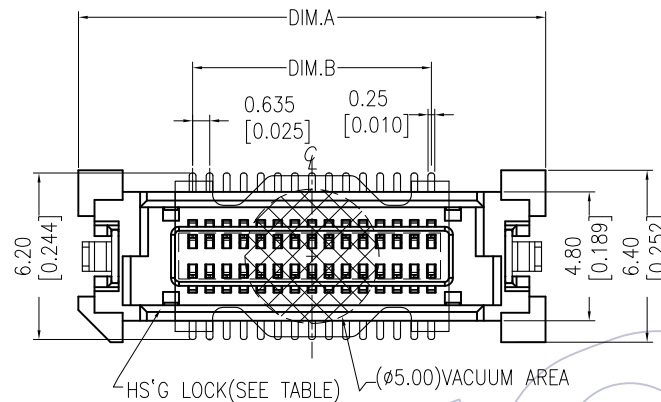
S1=3u"Gold/Tin

S2=5u"Gold/Tin

S3=10u"Gold/Tin



Assembly

Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)

PART NO.	DIM. N	DIM. K
3660-SXXX-040XXR01	4.00	3.20
3660-SXXX-100XXR01	10.00	9.20

ASS'Y HIGH (H)	Before Test	After Test
6.0 ~ 7.0	$\leq 40\text{m}\Omega$	$\leq 60\text{m}\Omega$
8.0 ~ 10.0	$\leq 50\text{m}\Omega$	$\leq 70\text{m}\Omega$
11.0 ~ 13.0	$\leq 60\text{m}\Omega$	$\leq 80\text{m}\Omega$
14.0 ~ 16.0	$\leq 70\text{m}\Omega$	$\leq 90\text{m}\Omega$

ASS'Y HIGH(H)	PLUG(H1)	SOCKET(H2)
6.00	5.00	4.00
7.00	6.00	
8.00	7.00	
9.00	8.00	
10.00	9.00	10.00
12.00	5.00	
13.00	6.00	
14.00	7.00	
15.00	8.00	
16.00	9.00	

NO	55.07	53.47	50.165	58.67	160
	48.72	47.12	43.815	52.32	140
	42.30	40.77	37.465	45.97	120
	36.02	34.42	31.115	39.62	100
	32.85	31.25	27.940	36.45	90
	29.67	28.07	24.765	33.27	80
	26.50	24.90	21.590	30.10	70
	23.32	21.72	18.415	26.92	60
	20.15	18.55	15.240	23.75	50
	16.97	15.37	12.065	20.57	40
	13.80	12.20	8.890	17.40	30
	10.62	9.02	5.715	14.22	20
HS'G LOCK	DIM.D	DIM.C	DIM.B	DIM.A	PIN NO.

A4	2014/05/07	Modify	△4	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	3660-SXXX-XXXXXR01	
A3	2014/03/24	Modify The Contact Resistance	△3	X.X	±0.40	Allen	2014/05/07	mm	TITLE: △1		
A2	2014/03/07	Modify The Housing Material Color	△2	X.XX	±0.25	CHECK	DATE	inch	0.635mm BTB "M" FEMALE SMT TYPE		
A0	2012/11/14	NEW	—	X.XXX	±0.15	APPROVE	DATE	A4	Customer NO.		
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'	DIM	TOL	SHEET	1/1		
				PROJ.							